



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

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Email: apply@aaticd.co.za · Website: www.aaticd.co.za

COURSE BROCHURE

Multi-Engine Aeroplane Pilot Certificate

Physical, Mathematical, Computer and Life Sciences / Physical Sciences

Unit Standard 243336 · NQF Level 5 · 4 Credits · 1 Day

COURSE OVERVIEW

This course provides the knowledge and practical skills required to safely operate a multi-engine aeroplane in compliance with South African Civil Aviation Authority regulations. It covers advanced flight principles, emergency procedures, and crew coordination to ensure competency in multi-pilot operations. Successful completion prepares learners for the Multi-Engine Aeroplane Pilot Certificate.

Category	Physical, Mathematical, Computer and Life Sciences
Subfield	Physical Sciences
Unit Standard	243336
Accreditation	SAQA Accredited · NQF Level 5 · 4 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply multi-engine aeroplane performance and limitation calculations for take-off, climb, cruise, and landing.
- Demonstrate safe handling of engine failure, fire, and other in-flight emergencies using appropriate procedures.
- Analyze asymmetric thrust conditions and execute corrective actions to maintain control.
- Implement crew resource management (CRM) principles during multi-crew operations.
- Evaluate weather, navigation, and airspace requirements for multi-engine flight planning.
- Conduct pre-flight inspections and systems checks specific to multi-engine aeroplanes.

WHO SHOULD ATTEND

- This course is for licensed single-engine pilots seeking to add a multi-engine rating to their licence, as well as aviation professionals aiming to advance their careers in multi-crew operations.

COURSE OUTLINE

Day 1: Multi-Engine Aeroplane Systems, Performance, and Emergency Procedures

- Multi-engine aeroplane systems: engines, propellers, fuel, electrical, and hydraulic systems.
- Critical engine and asymmetric thrust: VMC, VMCA, VMCG.
- Performance: single-engine climb performance, drift-down, and landing distance.
- Weight and balance considerations for multi-engine aircraft.
- Emergency procedures: engine failure after takeoff, in-flight shutdown, and feathering.
- Multi-engine aeroplane handling characteristics and limitations.
- Pre-flight planning and risk management for multi-engine operations.
- Regulatory requirements for multi-engine rating per SA-CATS 61.

ASSESSMENT & CERTIFICATION

Delegates are assessed through exercises and a final test. A mark of **50% or above** earns an **AATICD Certificate of Completion**, issued digitally with a unique verification code. This course carries **4 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 13,400.00	R 13,400.00
1	In-House	R 17,400.00	R 17,400.00
1	On-Campus (Pretoria)	R 20,200.00	R 20,200.00

UPCOMING SESSIONS

No sessions are currently scheduled. Please contact us to arrange a session at a time and location that suits your team.

HOW TO GET A QUOTE OR APPLY

1. **Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard 243336) and click **Get A Quote / Apply**. Select your training method and number of delegates – your quotation is generated immediately and emailed to you with the course brochure attached.
2. **Apply by email:** send the course title, your preferred training method (Online, In-House or On-Campus Pretoria), the number of delegates and your preferred dates to apply@aaticd.co.za – our team will reply with a formal quotation.
3. **Apply by phone or WhatsApp:** call **+27 12 004 8389** or WhatsApp **+27 65 077 6310** and we will prepare your quotation and reserve your seats.
4. **Confirm your booking:** accept the quotation and settle the invoice. As soon as payment is confirmed your delegates are enrolled and receive their AATICD LMS login details by email, along with joining instructions for their chosen training method.

Group discounts apply automatically – the more delegates you enrol, the lower the price per delegate. No payment is required to request a quotation.

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